

SPECIFICATION AMENDMENT

Page 13, second paragraph, continuing onto page 14:

During use, apparatus 5B is deployed in aorta 30 so that impermeable membrane 25B engages the periphery of aortic valve 40, check valve 20B is deployed downstream from impermeable membrane 25B, and aortic filter 15B is deployed downstream from check valve 20B. As a result of this construction, during systole, blood can pass into the aorta, past check valve 20B and past aortic filter 15B. Correspondingly, during diastole, blood will be prevented from passing back through check valve 20B into the heart, but it will be able to pass back to coronary arteries 35 through the aforementioned peripheral passageway(s) established between apparatus 5B and the wall of the aorta. Furthermore, aortic valve 40 may be safely resected with apparatus 5B in place, since (i) during systole, aortic filter 15B will prevent debris from the resection from passing down aorta 30, and (ii) during diastole, only blood having already passed through aortic filter 15B will be able to pass down coronary arteries 35.